

**O.I.P.E.**

**PATENT DATE**

FA  
SCANNED

FA  
SCANNED KCL 9A 001

APPLICATION NO.  
09/839858

CONT/PRIOR  
D

CLASS  
709

SUBCLASS  
304

ART UNIT  
~~8150~~  
2142

**EXAMINER**

AMINER  
Vaughn

TITLE	APPLICANTS
1. <b>Chairman</b>	1. <b>Mr. J. H. ...</b>
2. <b>Vice Chairman</b>	2. <b>Mr. J. H. ...</b>
3. <b>Secretary</b>	3. <b>Mr. J. H. ...</b>
4. <b>Treasurer</b>	4. <b>Mr. J. H. ...</b>
5. <b>Member</b>	5. <b>Mr. J. H. ...</b>
6. <b>Member</b>	6. <b>Mr. J. H. ...</b>
7. <b>Member</b>	7. <b>Mr. J. H. ...</b>
8. <b>Member</b>	8. <b>Mr. J. H. ...</b>
9. <b>Member</b>	9. <b>Mr. J. H. ...</b>
10. <b>Member</b>	10. <b>Mr. J. H. ...</b>
11. <b>Member</b>	11. <b>Mr. J. H. ...</b>
12. <b>Member</b>	12. <b>Mr. J. H. ...</b>
13. <b>Member</b>	13. <b>Mr. J. H. ...</b>
14. <b>Member</b>	14. <b>Mr. J. H. ...</b>
15. <b>Member</b>	15. <b>Mr. J. H. ...</b>
16. <b>Member</b>	16. <b>Mr. J. H. ...</b>
17. <b>Member</b>	17. <b>Mr. J. H. ...</b>
18. <b>Member</b>	18. <b>Mr. J. H. ...</b>
19. <b>Member</b>	19. <b>Mr. J. H. ...</b>
20. <b>Member</b>	20. <b>Mr. J. H. ...</b>
21. <b>Member</b>	21. <b>Mr. J. H. ...</b>
22. <b>Member</b>	22. <b>Mr. J. H. ...</b>
23. <b>Member</b>	23. <b>Mr. J. H. ...</b>
24. <b>Member</b>	24. <b>Mr. J. H. ...</b>
25. <b>Member</b>	25. <b>Mr. J. H. ...</b>
26. <b>Member</b>	26. <b>Mr. J. H. ...</b>
27. <b>Member</b>	27. <b>Mr. J. H. ...</b>
28. <b>Member</b>	28. <b>Mr. J. H. ...</b>
29. <b>Member</b>	29. <b>Mr. J. H. ...</b>
30. <b>Member</b>	30. <b>Mr. J. H. ...</b>
31. <b>Member</b>	31. <b>Mr. J. H. ...</b>
32. <b>Member</b>	32. <b>Mr. J. H. ...</b>
33. <b>Member</b>	33. <b>Mr. J. H. ...</b>
34. <b>Member</b>	34. <b>Mr. J. H. ...</b>
35. <b>Member</b>	35. <b>Mr. J. H. ...</b>
36. <b>Member</b>	36. <b>Mr. J. H. ...</b>
37. <b>Member</b>	37. <b>Mr. J. H. ...</b>
38. <b>Member</b>	38. <b>Mr. J. H. ...</b>
39. <b>Member</b>	39. <b>Mr. J. H. ...</b>
40. <b>Member</b>	40. <b>Mr. J. H. ...</b>
41. <b>Member</b>	41. <b>Mr. J. H. ...</b>
42. <b>Member</b>	42. <b>Mr. J. H. ...</b>
43. <b>Member</b>	43. <b>Mr. J. H. ...</b>
44. <b>Member</b>	44. <b>Mr. J. H. ...</b>
45. <b>Member</b>	45. <b>Mr. J. H. ...</b>
46. <b>Member</b>	46. <b>Mr. J. H. ...</b>
47. <b>Member</b>	47. <b>Mr. J. H. ...</b>
48. <b>Member</b>	48. <b>Mr. J. H. ...</b>
49. <b>Member</b>	49. <b>Mr. J. H. ...</b>
50. <b>Member</b>	50. <b>Mr. J. H. ...</b>
51. <b>Member</b>	51. <b>Mr. J. H. ...</b>
52. <b>Member</b>	52. <b>Mr. J. H. ...</b>
53. <b>Member</b>	53. <b>Mr. J. H. ...</b>
54. <b>Member</b>	54. <b>Mr. J. H. ...</b>
55. <b>Member</b>	55. <b>Mr. J. H. ...</b>
56. <b>Member</b>	56. <b>Mr. J. H. ...</b>
57. <b>Member</b>	57. <b>Mr. J. H. ...</b>
58. <b>Member</b>	58. <b>Mr. J. H. ...</b>
59. <b>Member</b>	59. <b>Mr. J. H. ...</b>
60. <b>Member</b>	60. <b>Mr. J. H. ...</b>
61. <b>Member</b>	61. <b>Mr. J. H. ...</b>
62. <b>Member</b>	62. <b>Mr. J. H. ...</b>
63. <b>Member</b>	63. <b>Mr. J. H. ...</b>
64. <b>Member</b>	64. <b>Mr. J. H. ...</b>
65. <b>Member</b>	65. <b>Mr. J. H. ...</b>
66. <b>Member</b>	66. <b>Mr. J. H. ...</b>
67. <b>Member</b>	67. <b>Mr. J. H. ...</b>
68. <b>Member</b>	68. <b>Mr. J. H. ...</b>
69. <b>Member</b>	69. <b>Mr. J. H. ...</b>
70. <b>Member</b>	70. <b>Mr. J. H. ...</b>
71. <b>Member</b>	71. <b>Mr. J. H. ...</b>
72. <b>Member</b>	72. <b>Mr. J. H. ...</b>
73. <b>Member</b>	73. <b>Mr. J. H. ...</b>
74. <b>Member</b>	74. <b>Mr. J. H. ...</b>
75. <b>Member</b>	75. <b>Mr. J. H. ...</b>
76. <b>Member</b>	76. <b>Mr. J. H. ...</b>
77. <b>Member</b>	77. <b>Mr. J. H. ...</b>
78. <b>Member</b>	78. <b>Mr. J. H. ...</b>
79. <b>Member</b>	79. <b>Mr. J. H. ...</b>
80. <b>Member</b>	80. <b>Mr. J. H. ...</b>
81. <b>Member</b>	81. <b>Mr. J. H. ...</b>
82. <b>Member</b>	82. <b>Mr. J. H. ...</b>
83. <b>Member</b>	83. <b>Mr. J. H. ...</b>
84. <b>Member</b>	84. <b>Mr. J. H. ...</b>
85. <b>Member</b>	85. <b>Mr. J. H. ...</b>
86. <b>Member</b>	86. <b>Mr. J. H. ...</b>
87. <b>Member</b>	87. <b>Mr. J. H. ...</b>
88. <b>Member</b>	88. <b>Mr. J. H. ...</b>
89. <b>Member</b>	89. <b>Mr. J. H. ...</b>
90. <b>Member</b>	90. <b>Mr. J. H. ...</b>
91. <b>Member</b>	91. <b>Mr. J. H. ...</b>
92. <b>Member</b>	92. <b>Mr. J. H. ...</b>
93. <b>Member</b>	93. <b>Mr. J. H. ...</b>
94. <b>Member</b>	94. <b>Mr. J. H. ...</b>
95. <b>Member</b>	95. <b>Mr. J.</b>

Bruce Schwartz  
Stephen Boyle  
Peter King  
Bruce Martin

# Reducing perceived latency in servicing user requests on low-bandwidth communication channels

PTO-2040  
12/99

## ORIGINAL

**CROSS REFERENCE(S)**

**CLASS**

SUBCLASS

## CLASS

**SUBCLASS (ONE SUBCLASS PER BLOCK)**

### INTERNATIONAL CLASSIFICATION

☐ Continued on Issue Slip Inside File Jacket

☐ **TERMINAL  
DISCLAIMER**

## DRAWINGS

Sheets Drwg.

**Figs. Drwg.**

Print Fig.

**CLAIMS ALLOWED**

Total Claims

---

**Print Claim for O.G.**

☐ The term of this patent subsequent to \_\_\_\_\_ (date) has been disclaimed.

☐ The term of this patent shall not extend beyond the expiration date of U.S. Patent, No. \_\_\_\_\_

☐ The terminal \_\_\_\_ months of this patent have been disclaimed.

**NOTICE OF ALLOWANCE MAILED**

**ISSUE FEE**

Amount Due

Date Paid

**ISSUE BATCH NUMBER**

**WARNING:**

The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A  
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM

(Attached in pocket on right inside flap)

BEST AVAILABLE COPY

(FACE)